

FIG. 1

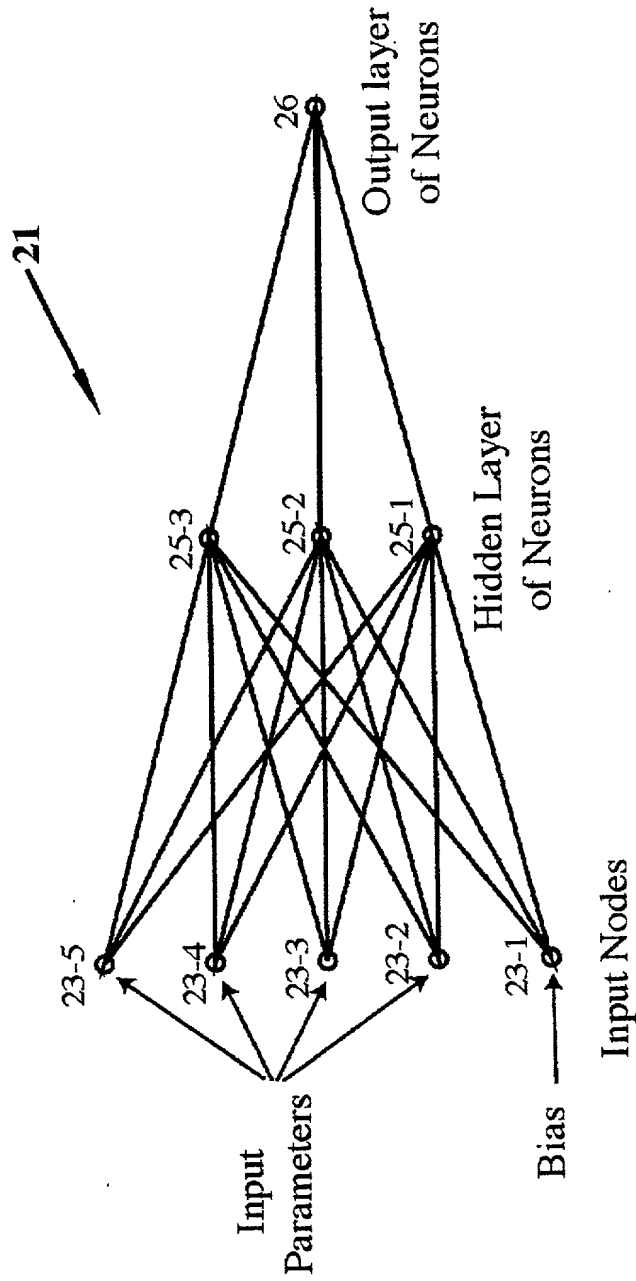


FIG. 2

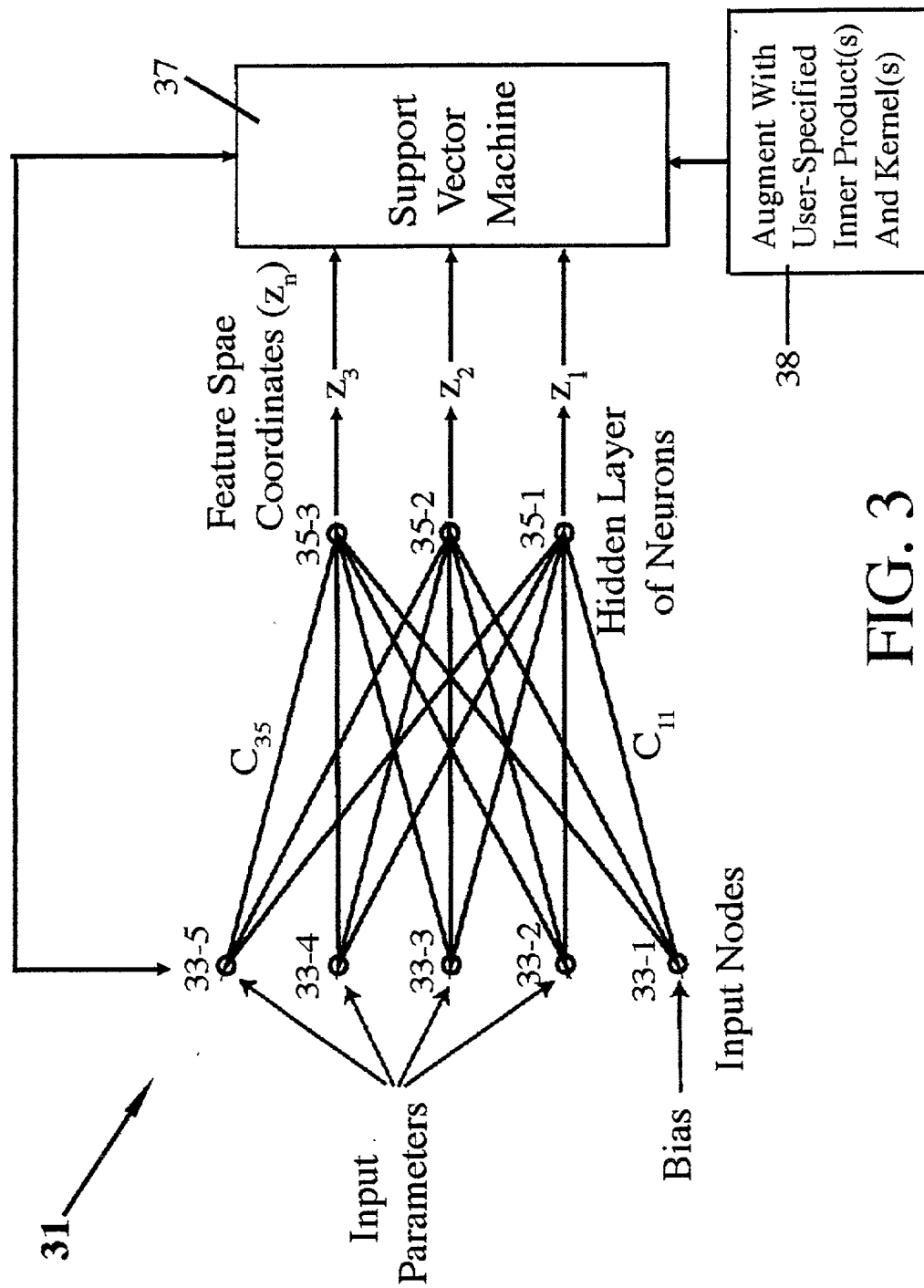


FIG. 3

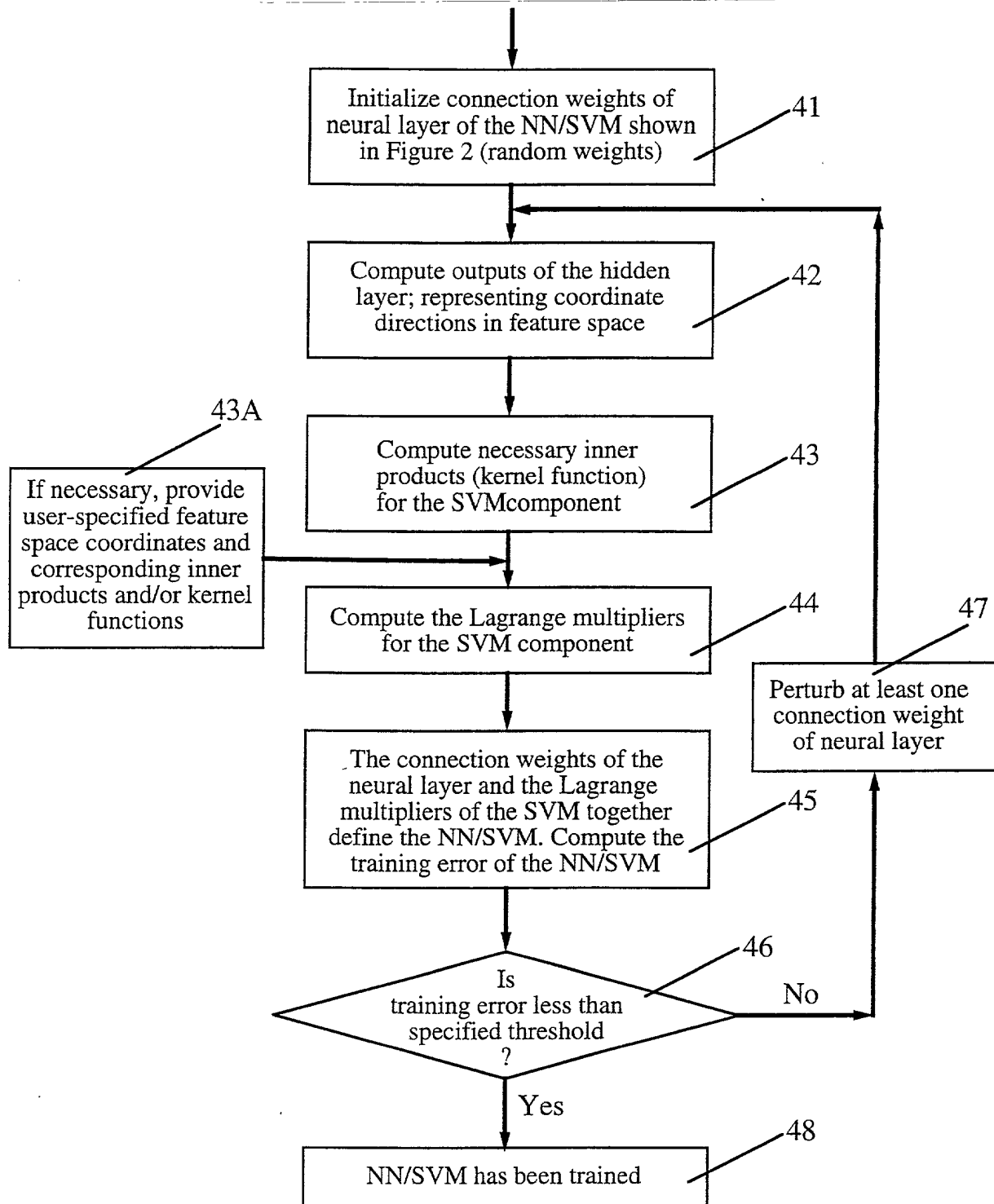


FIG. 4

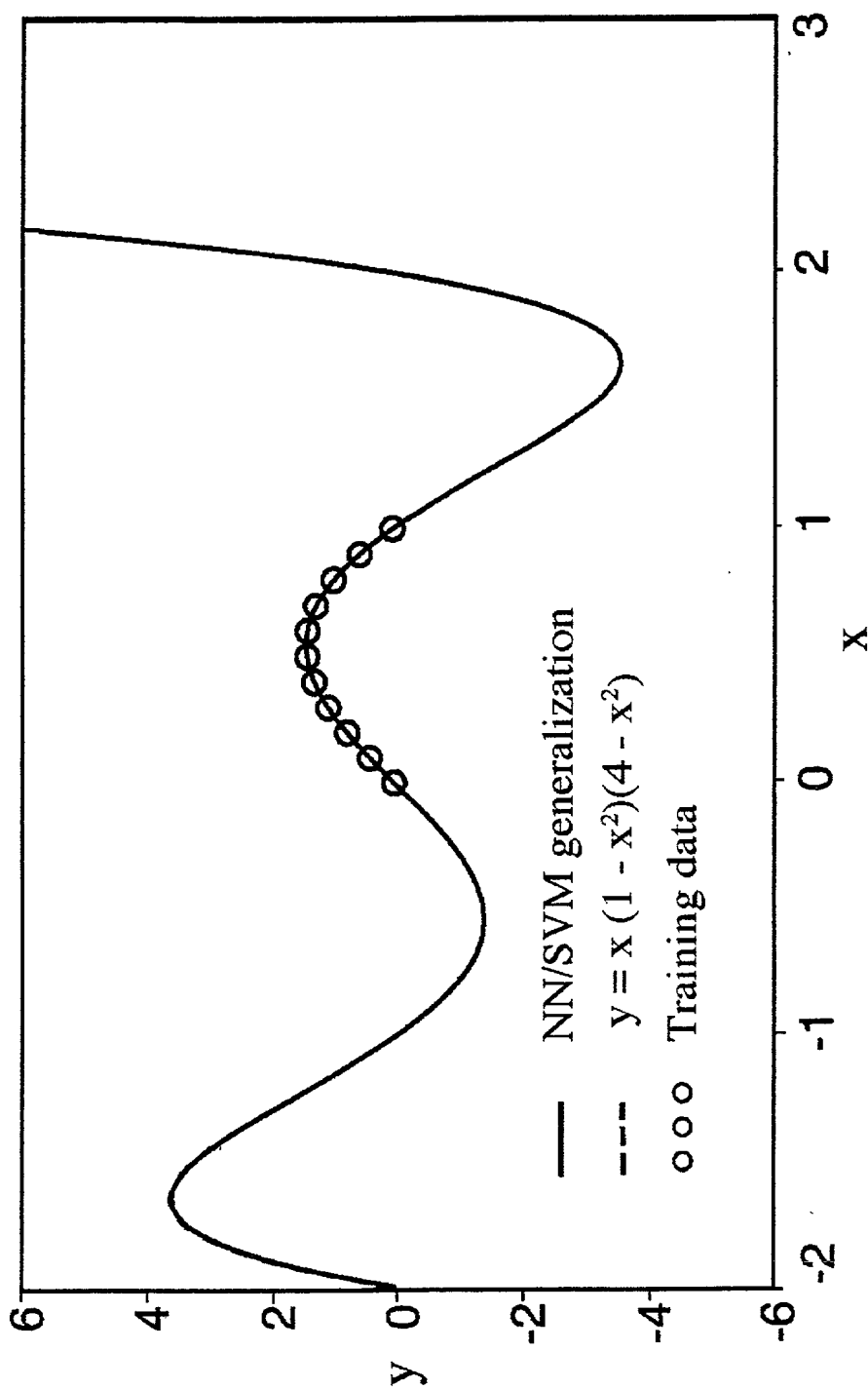


FIG. 5

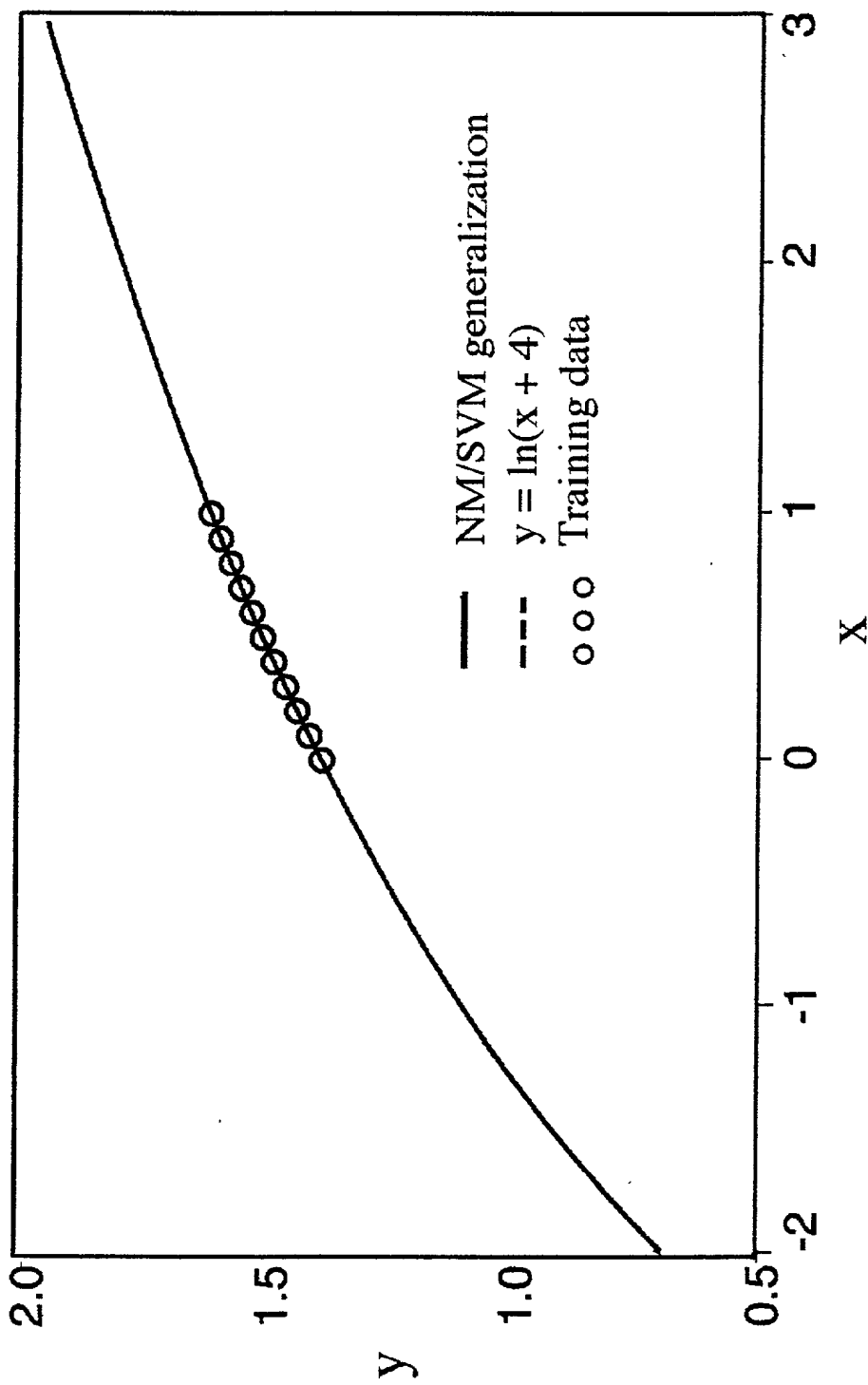


FIG. 6

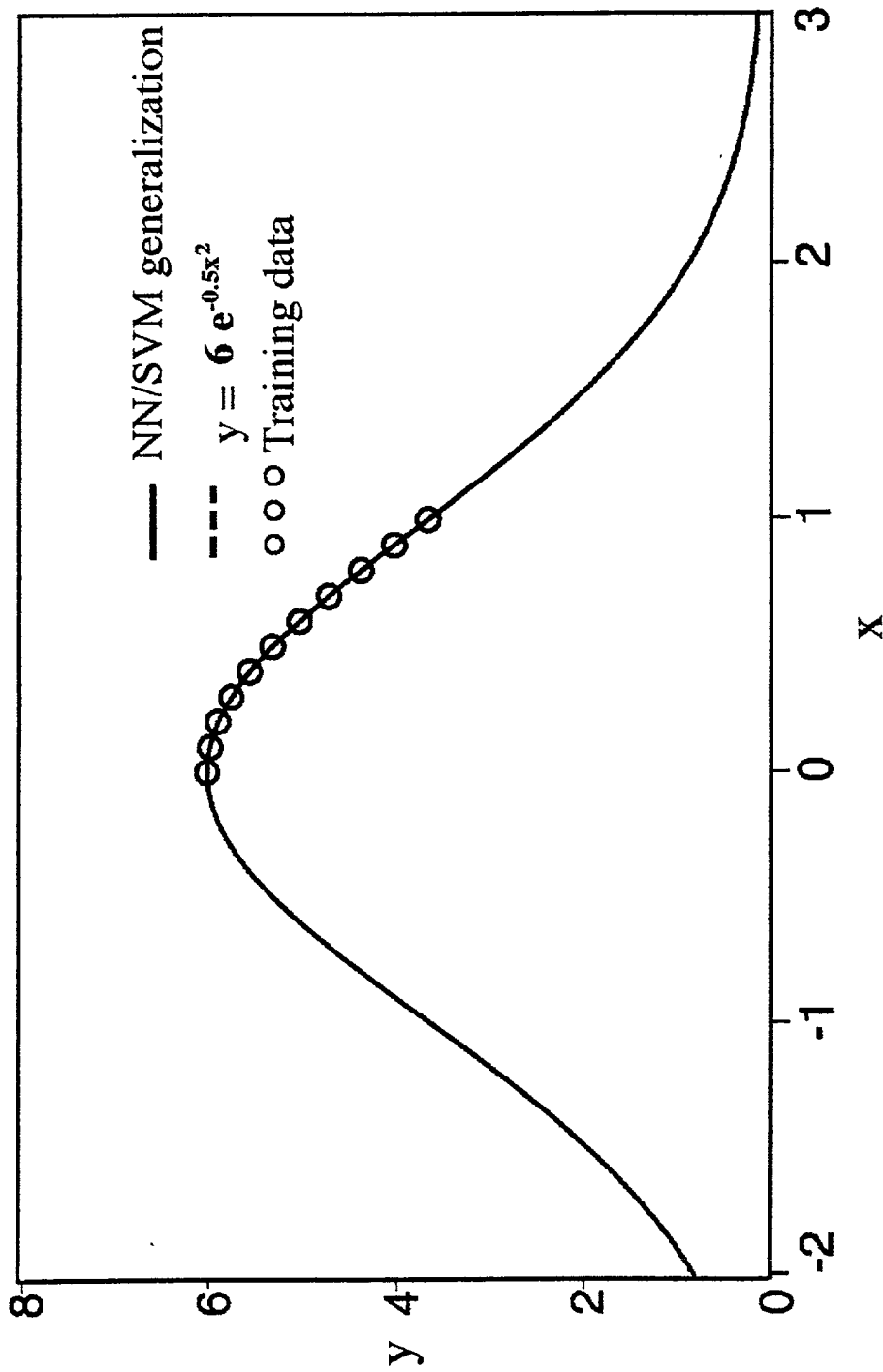


FIG. 7

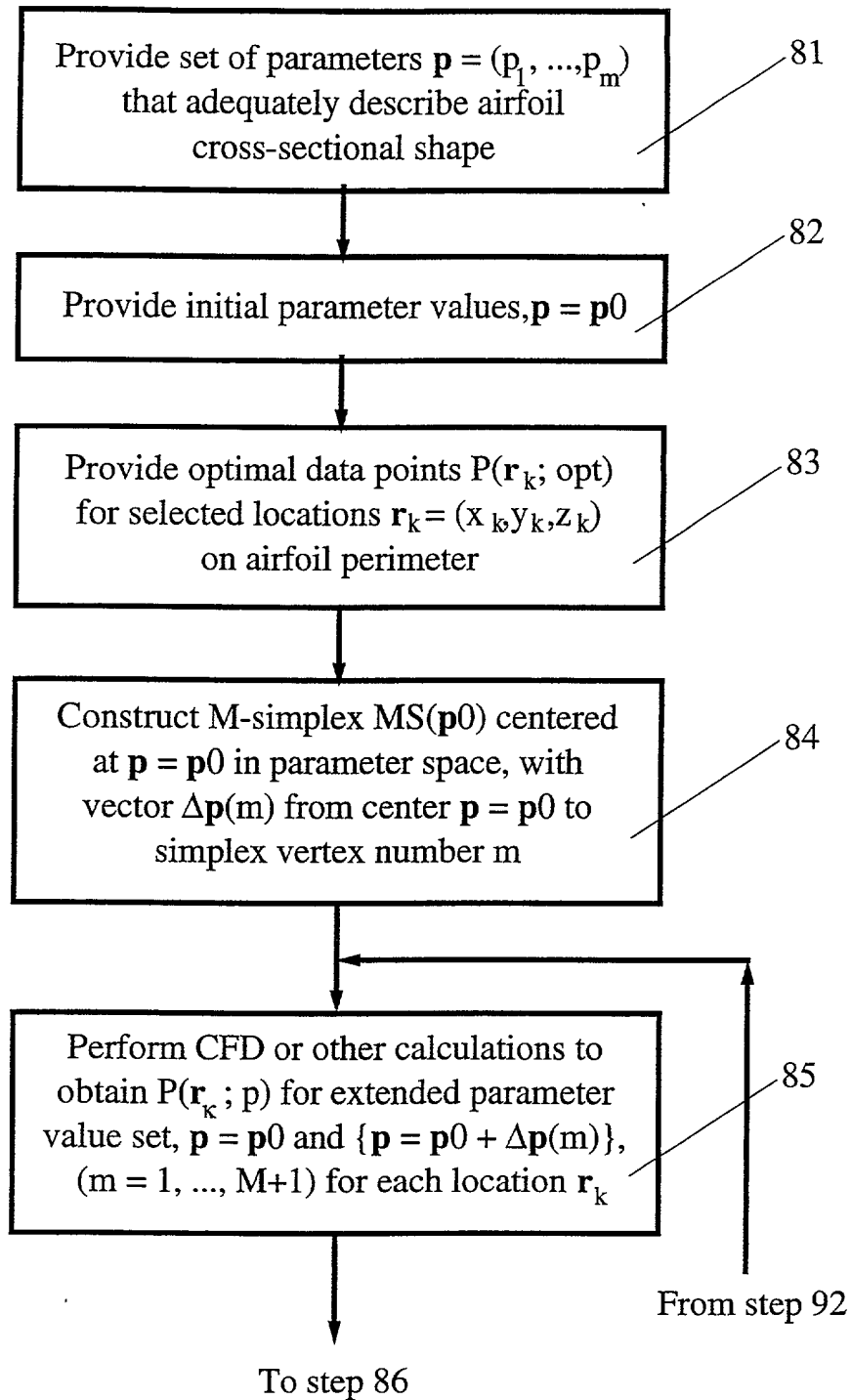


FIG. 8A

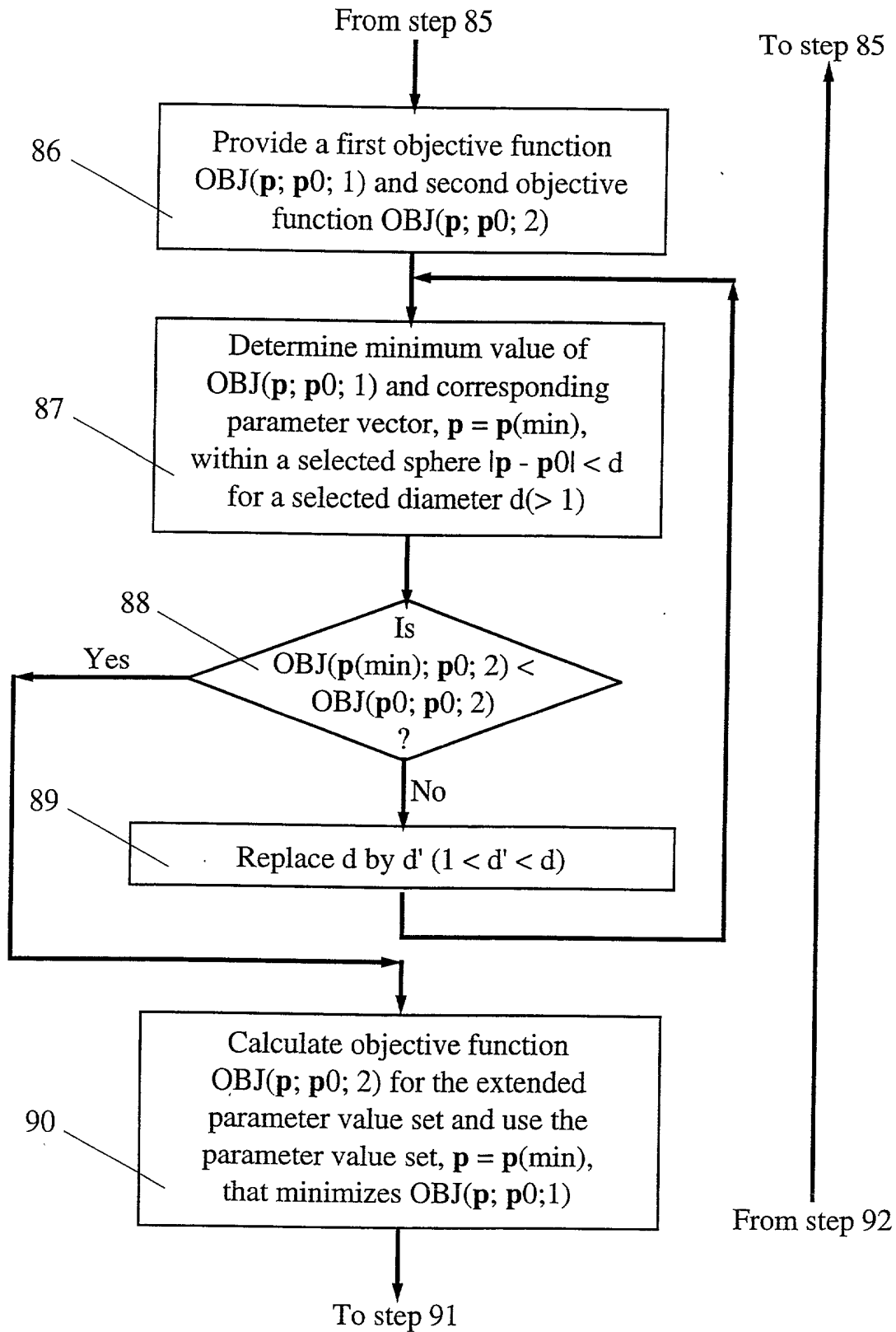


FIG. 8B

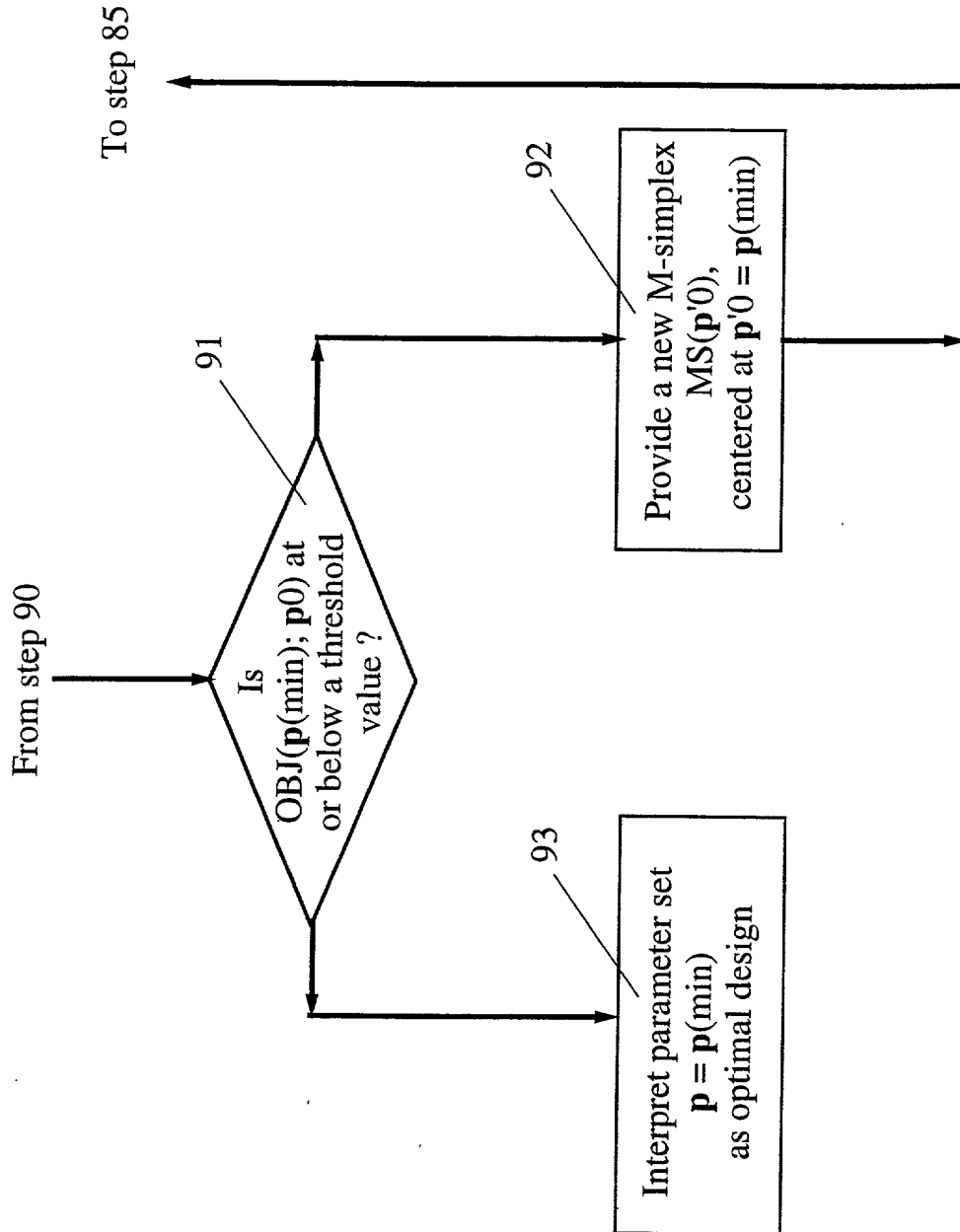


FIG. 8C

Optimized airfoil sections and pressure distributions

--- Target airfoil section
 — Optimal airfoil sections

ooo Target pressure data
 — Optimal pressure distributions

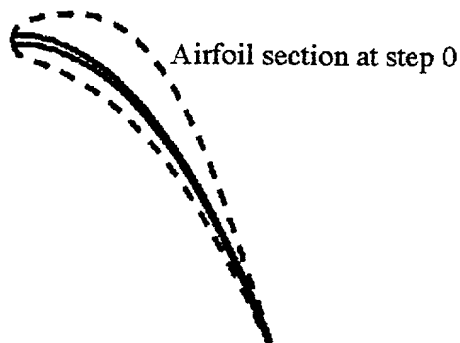


FIG. 9A-1

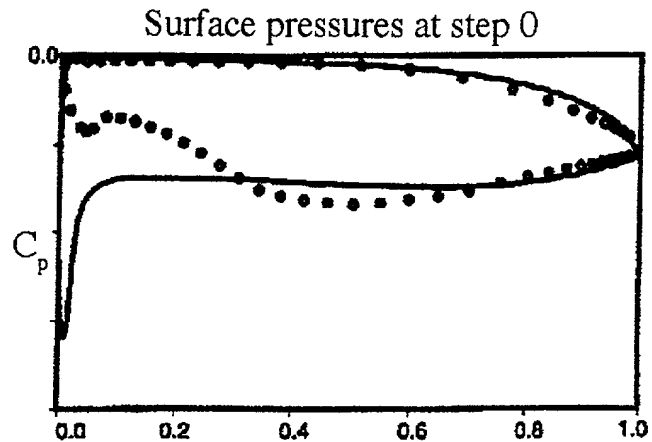


FIG. 9A-2

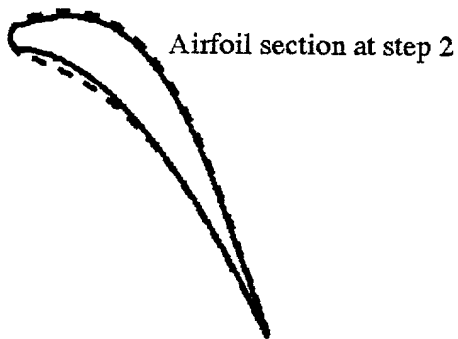


FIG. 9B-1

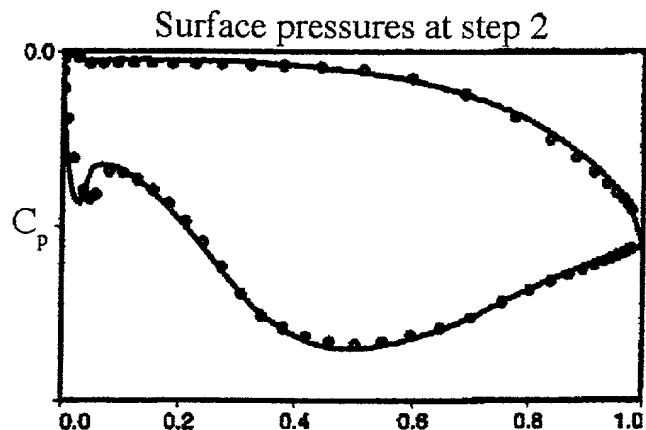


FIG. 9B-2

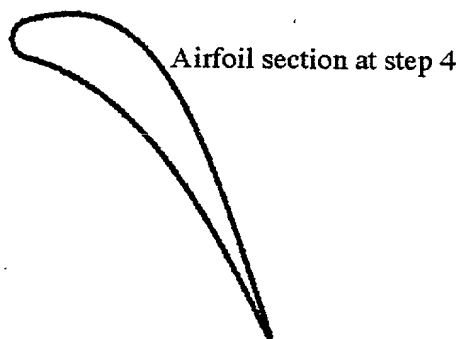


FIG. 9C-1

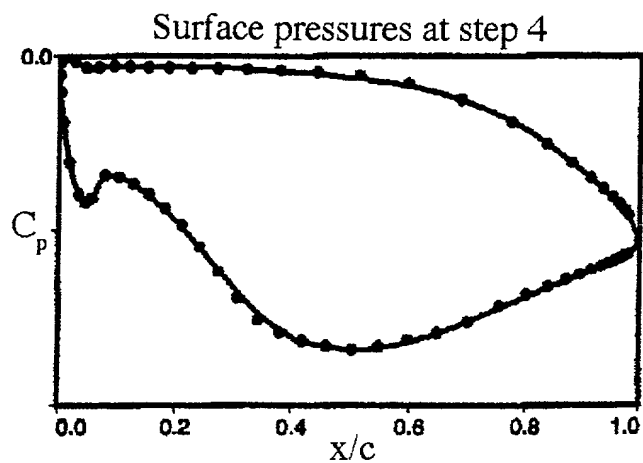


FIG. 9C-2

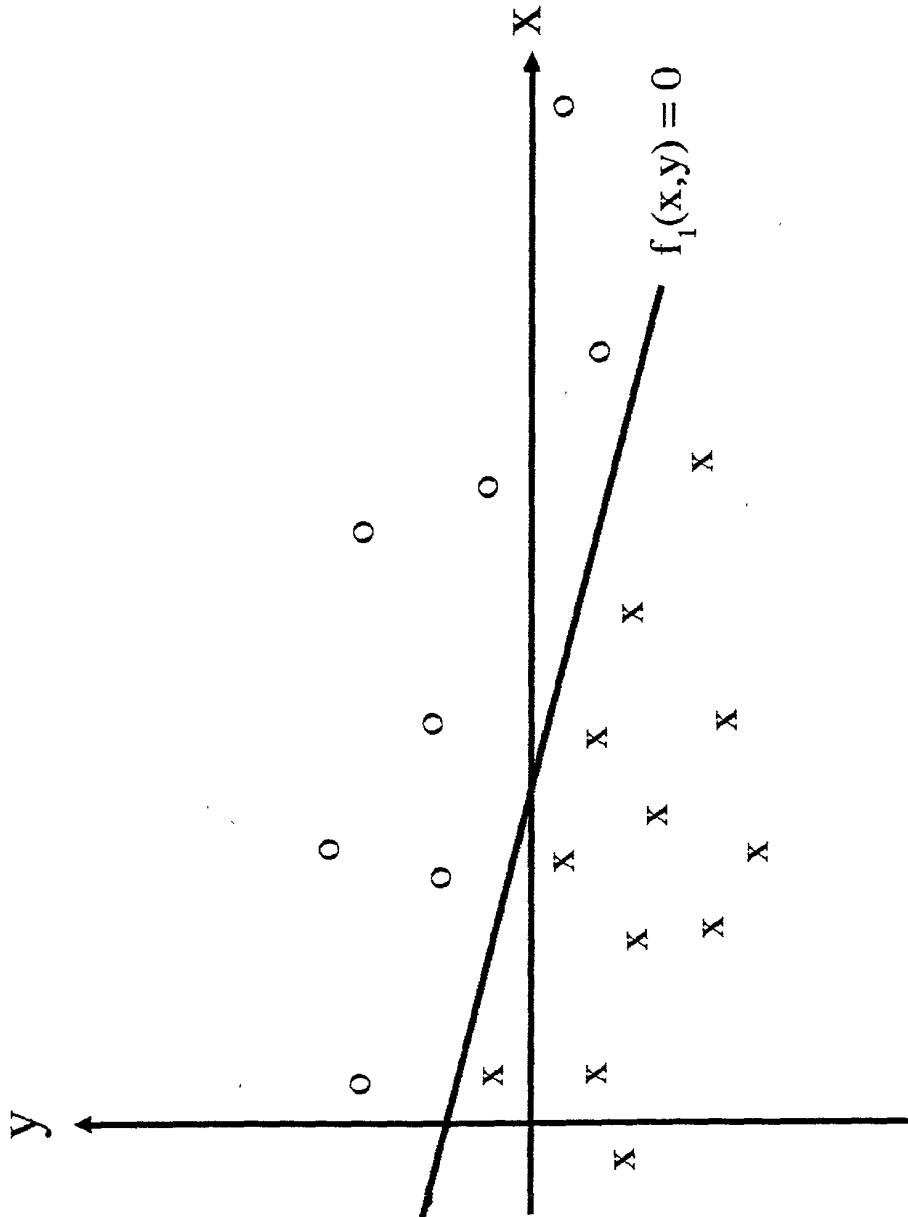


FIG. 10

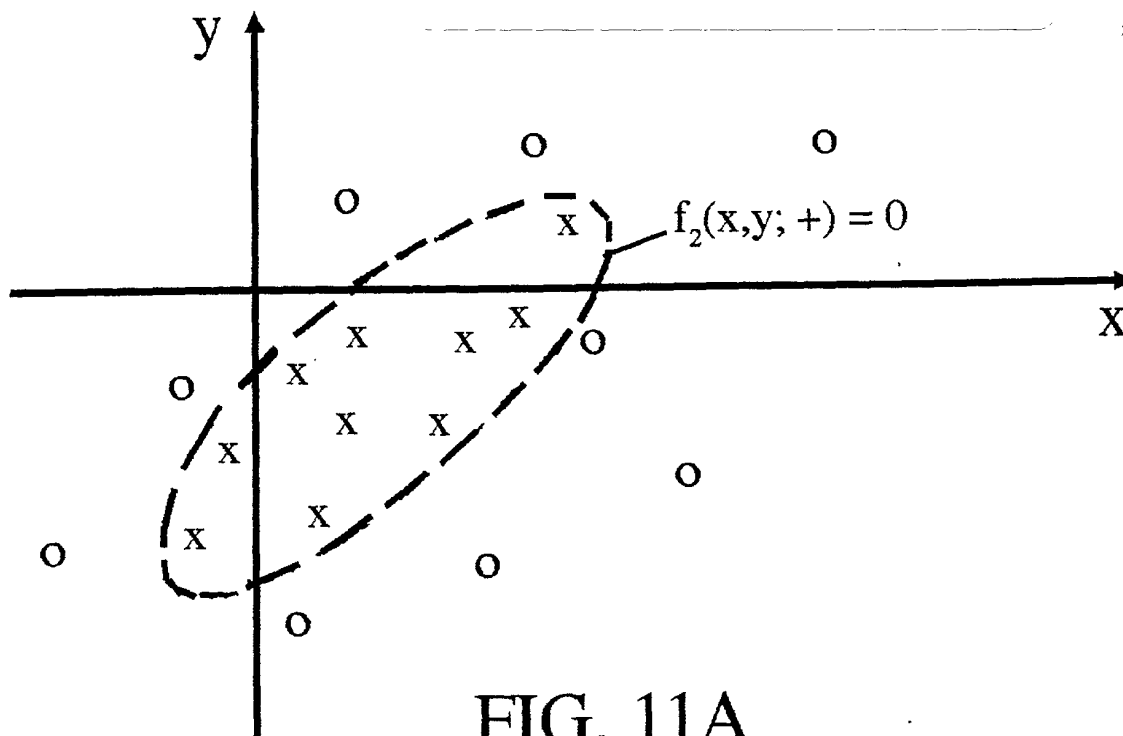


FIG. 11A

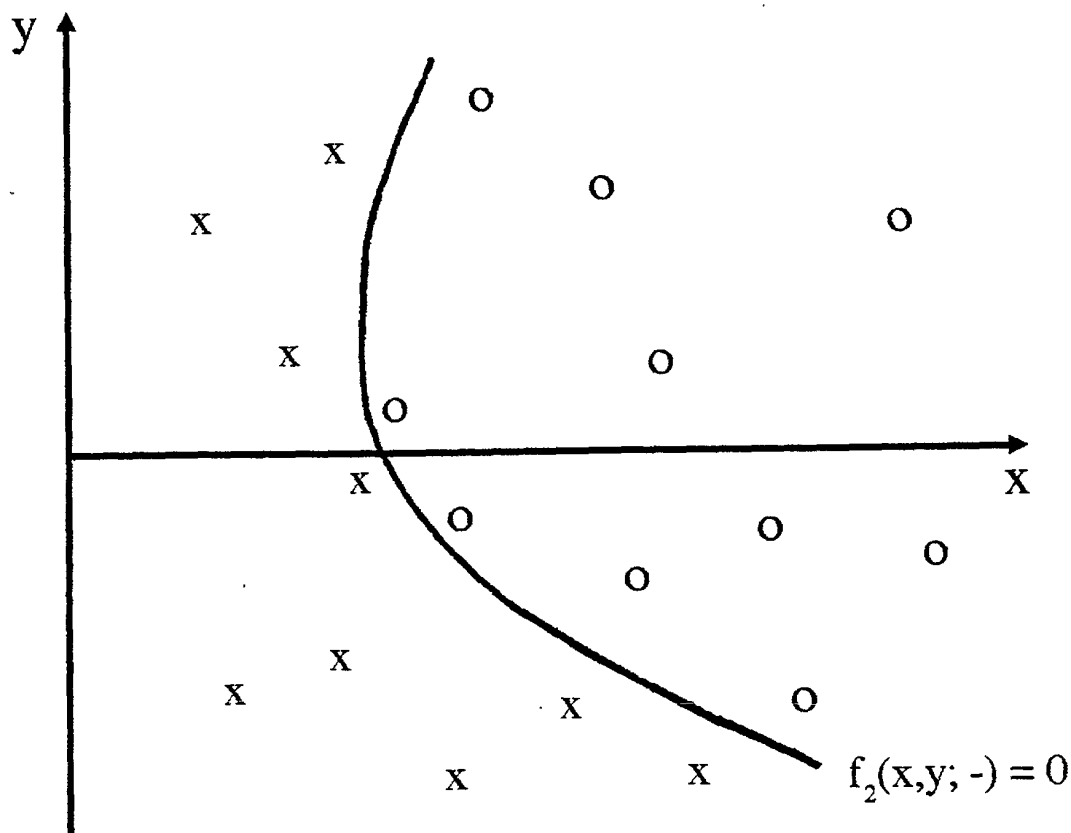


FIG. 11B

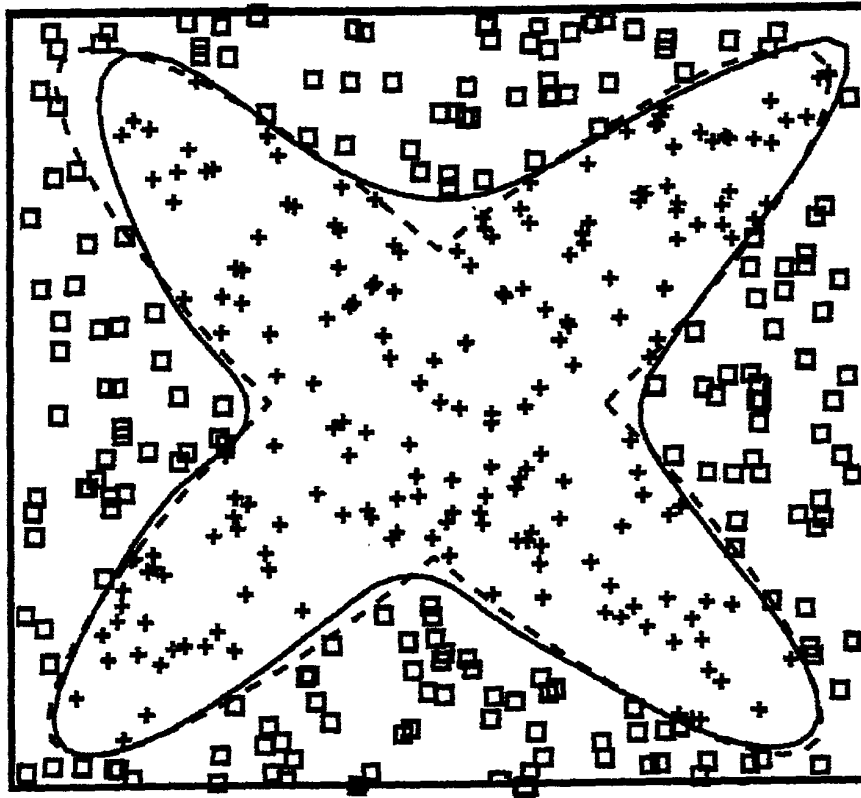


FIG. 12